

## Combined Declaration for Patent Application and Power of Attorney

As I, the above named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHOD AND APPARATUS FOR IMPROVED FLUID FLOW WITHIN AN ELECTROCHEMICAL CELL, the

specification of which

(check  is attached hereto.

one)

X was filed on September 27, 2001.

as Application Serial No.

and (if applicable) was amended on:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status- patented, pending, abandoned)
•		
(Application Serial No.)	(Filing Date)	(Status- patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

## PROVISIONAL APPLICATION NUMBER

## FILING DATE

60/235,743	September 27, 2000
60/235,821	September 27, 2000
60/235,974	September 28, 2000

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys, and/or agents with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

CUSTOMER NUMBER 23413

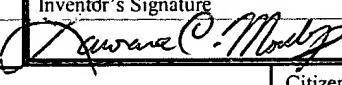
## ADDRESS ALL CORRESPONDENCE TO:

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## DIRECT ALL TELEPHONE CALLS TO:

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I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

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Full Name of Third Joint Inventor, If Any	Inventor's Signature	Date
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PES-0043

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Applicant or Patentee: Jason K. Shiepe, et al  
Serial or Patent No: \_\_\_\_\_ Attorney's Docket No: PES-0043  
Filed or Issued: September 27, 2001

For: METHOD AND APPARATUS FOR IMPROVED FLUID FLOW WITHIN AN ELECTROCHEMICAL CELL

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27 (c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

- the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern identified below.

NAME OF CONCERN: PROTON ENERGY SYSTEMS, INC.

ADDRESS OF CONCERN: 50 Inwood Road  
Rocky Hill, Ct. 06067

I hereby declare that the above-identified small business concern qualified as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that under contract or law all right, title and interest in and to the following invention have been conveyed to and remain exclusively in the small business concern identified above, said invention, entitled: METHOD AND APPARATUS FOR IMPROVED FLUID FLOW WITHIN AN ELECTROCHEMICAL CELL by inventor(s) Jason K. Shiepe, Trent M. Molter and Lawrence C. Moulthrop, Jr., described in

- the specification filed herewith  
 Application Serial No. \_\_\_\_\_, filed: September 27, 2001  
 Patent No. \_\_\_\_\_, issued: \_\_\_\_\_

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of an issue fee or any maintenance fee due after a date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. Further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Trent M. Molter

TITLE OF PERSON, OTHER THAN OWNER: Vice President

ADDRESS OF PERSON SIGNING: 50 Inwood Road

Rocky Hill, Ct. 06067

SIGNATURE:  DATE: 10/12/01